

PLUMBING FIXTURE SCHEDULE										
SYMBOL	FIXTURE	TRAP	WASTE	VENT	DOMESTIC COLD WATER	DOMESTIC HOT WATER	DESCRIPTION		MANUFACTURER	MODEL
WC-A	WATER CLOSET (ACCESSIBLE)	INT.	3"	2"	1/2"	---	FIXTURE:	FLOOR MOUNTED, FLUSH VALVE, VITREOUS CHINA, ELONGATED 17" HIGH	AMERICAN STANDARD	3043.102
							FLUSH VALVE:	FLUSH VALVE: DIAPHRAGM TYPE, 1.6 GALLONS PER FLUSH	SLOAN	111-XL
							POLISHED CHROME PLATED BRASS			
L-A	LAVATORY (ACCESSIBLE)	1-1/4"	2"	2"	1/2"	1/2"	SEAT:	SEAT: OPEN FRONT, STAINLESS STEEL HINGE POSTS	AMERICAN STANDARD	0355.012
							FIXTURE:	WALL MOUNTED, 20" x 18", VITREOUS CHINA, ADA ACCEPTABLE	SYMMONS OMNI	S-20-2-LP-FR A-200
							FAUCET:	FAUCET LEDGE, 4" CENTER FAUCET HOLES		
							SINGLE LEVER, CHROME PLATED BRASS			
							DRAIN:	0.5 GPM LAMINAR FLOW RESTRICTOR	J.R. SMITH	2698-CP
							CHROME PLATED BRASS, POP-UP, CHROME PLATED BRASS			
							OFFSET, CHROME PLATED BRASS TAILPIECE.			
TRAP:	TRAP: POLISHED CHROME PLATE 17 GA. BRASS									
1/2" CHROME PLATED BRASS TUBE										
SUPPORT:	CONCEALED ARM, FLOOR MOUNTED, FLOOR PLATE									
SUPPLIES:	POLISHED RIGID CHROME PLATED BRASS TUBING									
STOPS	POLISHED CHROME PLATED BRASS ANGLE BALL VAVLE									
KS	SINK (BREAK RM/KITCHEN)	1-1/2"	2"	2"	1/2"	1/2"	FIXTURE:	SINGLE COMPARTMENT, 304 STAINLESS STEEL, 16" X 16" BOWL	JUST	SL-2219-A-GR
							8" DEEP, 4-1/2" FAUCET LEDGE, SELF RIMMING,	JUST	J-1174-KS	
							FAUCET:			DECK MOUNTED,MIXING FAUCET, CHROME PLATED BRASS,
							6-1/2" SWIVEL GOOSENECK SPOUT, 5" WRIST HANDLES			
							2.0 GPM LAMINAR FLOW RESTRICTOR	OMNI	A-200	
							POLISHED CHROME PLATE 17 GA. BRASS			
							POLISHED RIGID CHROME PLATED BRASS TUBING			
SUPPLIES:	POLISHED RIGID CHROME PLATED BRASS TUBING									
STOPS	STOPS: POLISHED CHROME PLATED ANGLE BALL VAVLE									
ADA:	WHITE PREFORMED INSULATED P-TRAP & VALVE ASSEMBLY	TRUEBRO	103							
MS	MOP SINK	3"	3"	2"	1/2"	1/2"	FIXTURE:	FLOOR MOUNTED, ENAMELED CAST IRON, VINYL RIM GUARD	AMERICAN STANDARD	7741.000
							DRAIN:	CHROME PLATED BRASS GRID DRAIN	CHICAGO FAUCET	897-CP-GCJ KCP
							FAUCET:	WALL MOUNTED, VACUUM BREAKER SPOUT, WALL BRACKET		
							POLISHED CHROME PLATED BRASS, INTEGRAL STOP			
TRAP:	DEEP SEAL CAST IRON P-TRAP									
EWC-2	ELECTRIC WATER COOLER	2"	2"	2"	1/2"	1/2"	FIXTURE:	ELECTRIC, BI-LEVEL, REFRIGERATED, 8.0 GPH AT 80 F., ARI 1010	ACORN	A112108F
							TRAP:	SCHEDULE 40 PVC		
							SUPPLIES:	POLISHED RIGID CHROME PLATED BRASS TUBING		
							STOPS:	POLISHED CHROME PLATED ANGLE BALL VAVLE		
							DIELECTRIC COUPLING			
SUPPORT:	FLOOR MOUNTED, BOTTOM BEARING PLATE									
FD-T	FLOOR DRAIN	2"	2"	2"	---	---	FIXTURE	GENERAL DUTY, TRAP PRIMER CONNECTION	J. R. SMITH	2010-A-P
							5" ROUND NICKEL BRONZE GRATE			
							DEEP SEAL P TRAP			
CO	CLEANOUT	---	SAME AS PIPE	---	---	---	EQUIPMENT:	CAST IRON BLIND PLUG	CHARLOTTE PIPE	NH-50
FCO	FLOOR CLEANOUT	---	SAME AS PIPE	---	---	---	EQUIPMENT:	HEAVY DUTY NICKEL BRONZE TOP, BRASS PLUG	J. R. SMITH	4113S-NB
COTG	CLEANOUT TO GRADE	---	SAME AS PIPE	---	---	---	EQUIPMENT:	HEAVY DUTY NICKEL BRONZE TOP, BRASS PLUG	J. R. SMITH	4113S-NB
WCO	WALL CLEANOUT	---	SAME AS PIPE	---	---	---	EQUIPMENT:	ROUND FLAT STAINLESS STEEL WALL PLATE	J.R. SMITH	4532S
ACCEPTABLE MANUFACTURERS										
DRAINAGE (FLOOR DRAINS, ETC):		J.R. SMITH, ZURN, MIFAB, WATTS, JOSAM, WADE								
ELECTRIC WATER COOLER		ACORN, ELKAY, HAWS								
FAUCETS:		CHICAGO FAUCETS, T & S BRASS, SPEAKMAN								
FLUSH VALVES (FLUSHOMETERS):		SLOAN, COYNEY-DELANY, ZURN, GERBERIT								
FIXTURE SUPPORTS:		J.R. SMITH, ZURN, MIFAB, WATTS, JOSAM, WADE								
VITREOUS-CHINA FIXTURES:		AMERICAN STANDARD; KOHLER, ELJER, CRANE, ZURN								

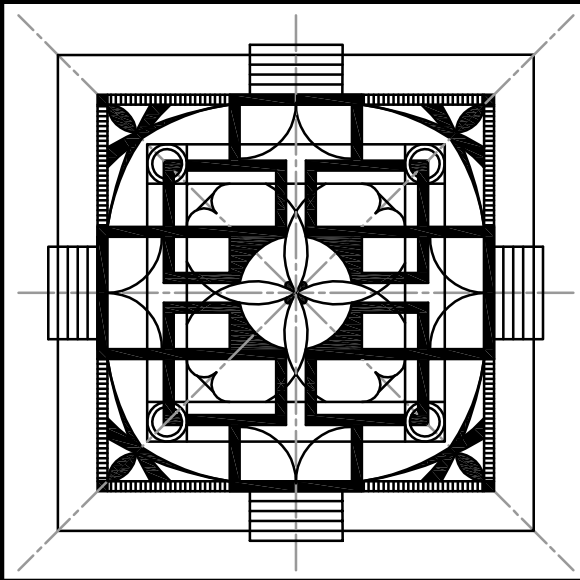
PIPE INSULATION REQUIREMENTS		
SERVICE	PIPE SIZE	PIPE INSULATION MATERIAL
DOMESTIC COLD WATER	ALL	1" PREFORMED FIBERGLASS WITH ALL SERVICE JACKET PREFORMED PVC FITTING COVERS
DOMESTIC HOT WATER	ALL	1" PREFORMED FIBERGLASS WITH ALL SERVICE JACKET PREFORMED PVC FITTING COVERS

PIPE MATERIAL SCHEDULE			
SERVICE	PIPE MATERIAL	FITTINGS	JOINTS
DOMESTIC WATER DISTRIBUTION	ASTM B88 TYPE 'L' COPPER TUBING	ASME B16.18 CAST COPPER -ALLOY SOLDER JOINT OR ASME B16.22 WROUGHT COPPER SOLDER JOINT	ASTEM B32 LEAD FREE SOLDER
DRAIN WASTE AND VENT (BELOW GRADE)	ASTM F891, SCHEDULE 40 CELULAR CORE PVC	ASTM D2665 DRAINAGE PATTERN	ASTM D2564 SOLVENT CEMENT
DRAIN WASTE AND VENT (ABOVE GRADE)	ASTM F891, SCHEDULE 40 CELULAR CORE PVC	ASTM D2665 DRAINAGE PATTERN	ASTM D2564 SOLVENT CEMENT

VALVE SCHEDULE			
SERVICE	VALVE TYPE	PIPE SIZE	DESCRIPTION
DOMESTIC WATER SERVICE	BALL VALVE	2" & SMALLER	COPPER ALLOY, 2-PIECE, STANDARD PORT CHROME PLATED BALL, TFE SEAT, LEVER HANDLE 400 PSIG WOG, MSS SP-110 SOLDERED OR THREADED END
	CHECK VALVE	2" & SMALLER	BRONZE BODY, SPRING TYPE, TFE SEAT BRONZE DISC, SOLDERED OR THREADED ENDS MSS SP-80
	UNION	2" & SMALLER	ASTM B16.39, CLASS 150, MALLEABLE IRON, HEXANGONAL STOCK BODY, BRONZE-TO-BRONZE SEAT

DOMESTIC HOT WATER EXPANSION TANK					
SYMBOL	MANUFACTURER	MODEL NO.	TOTAL VOLUME (GALLONS)	INITIAL FILL PRESSURE	COMMENTS
DET-1	AMTROL	ST-5	2	55	(1)
NOTES (1) BUTYL DIAPHRAGM, RIGID POLYPROPYLENE LINER					

DOMESTIC HOT WATER HEATER						
SYMBOL	MANUFACTURER	MODEL NO.	INPUT BTU	GPH	WATER TEMP RISE (DEG F)	COMMENTS
WH-1	BRADFORD WHITE	M-1-30S6FBN	30,000	31	90	(1)
1. INSTALL ACCORDING TO MANUFACTURERS INSTRUCTIONS.						



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STAMP

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
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PROJECT PHASE
BID DOCUMENTS

PROJECT TITLE
A.O.C. TENANT BUILD-OUT

2001 COMMERCE PARK DR.,
SUITE 2001-B
ANNAPOLIS, MD 21401

REVISIONS		
SYMBOL	DATE	ISSUED FOR
	10.21.11	PERMIT REVISION

PROJECT NUMBER 11-160
DATE 9.1.11
SCALE AS NOTED

DRAWING TITLE
PLUMBING SCHEDULES

SHEET NUMBER
P.601